



What is claimed is:

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- 1 1. A gear drive housing having at least one continuously variable adjustment system
 - 2 with an integral seal carrier for a bearing assembly on a drive shaft that protrudes from
 - 3 the housing that comprises:
 - 4 a threaded housing bore in the housing;
 - 5 a threaded adjustment ring with ring threads that mate the housing bore and a thrust
 - 6 surface that constrains a bearing assembly for a drive shaft that protrudes through the
 - 7 adjustment ring; and
 - 8 at least one shaft seal mating with the drive shaft mounted within the adjustment ring.
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